

Table 2.15
All Cancer Sites (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b Rate 2005-2009 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2000-2009 ^c AAPC (%)			SEER 9 Areas ^b Trend 2000-2009 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	465.2	541.8	412.3	-0.6*	-1.0*	-0.2	-0.5*	-0.9*	-0.2
White	471.7	542.7	423.1	-0.6*	-0.9*	-0.3*	-0.6*	-1.0*	-0.4*
White Hispanic ^e	358.6	405.4	330.2	-0.5*	-1.4*	0.0	-	-	-
White Non-Hispanic ^e	490.6	564.7	439.0	-0.5*	-0.8*	-0.3	-	-	-
Black	489.5	627.1	398.3	-0.7*	-1.4*	0.0	-0.7*	-1.2*	0.0
Asian/Pacific Islander	315.0	342.6	299.4	-0.3*	-1.4*	0.3*	-	-	-
Amer Ind/Alaska Nat ^f	328.9	352.7	313.8	0.2	-0.3	0.8*	-	-	-
Hispanic ^e	353.7	402.0	324.1	-0.4*	-1.2*	0.1	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2005-2009 Rate per 100,000 persons			Trend 2000-2009 ^h AAPC (%)					
	Total	Males	Females	Total	Males	Females			
	RACE/ETHNICITY								
All Races	178.7	219.4	151.1	-1.5*	-1.8*	-1.4*			
White	177.6	216.7	150.8	-1.4*	-1.6*	-1.3*			
White Hispanic ^e	123.6	151.3	104.3	-1.8*	-2.2*	-1.4*			
White Non-Hispanic ^e	182.0	221.9	154.7	-1.3*	-1.5*	-1.2*			
Black	216.4	288.3	174.6	-2.0*	-2.3*	-1.6*			
Asian/Pacific Islander	109.5	132.6	93.2	-1.5*	-1.7*	-1.0*			
Amer Ind/Alaska Nat									
Total U.S.	121.3	143.2	105.7	-1.5*	-1.5*	-0.8*			
CHSDA Counties	156.2	184.9	135.9	-0.2	-0.4*	-0.1			
Non-CHSDA Counties	79.5	94.4	68.7	-2.9*	-3.5*	-1.4*			
Hispanic ^e	119.3	146.3	100.5	-1.9*	-2.3*	-1.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends

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b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2000-2009 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2009.

d The 2000-2009 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2009.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2009 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2000-2009 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2000-2009 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2009.

* The APC is significantly different from zero (p<.05).